

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

**ADDENDUM NO. 4 TO
CLEANUP AND ABATEMENT ORDER NO. 99-26**

**FORMER SANTA YSABEL CHEVRON SERVICE STATION
30350 HIGHWAY 78, SANTA YSABEL
SAN DIEGO COUNTY**

The California Regional Water Quality Control Board, San Diego Region (Regional Board) finds that:

16. Groundwater monitoring well MW-9 was installed to characterize the dissolved gasoline plume from the discharge of petroleum hydrocarbon wastes from the Former Santa Ysabel Chevron Service Station. Since December 2001, groundwater levels have decreased to a depth below the bottom of well MW-9. Therefore, groundwater samples have not been collected from this well. This data is needed to determine the impact to groundwater from the discharge and to determine the effectiveness of cleanup activities.
17. A replacement well is needed in the vicinity of well MW-9 in order to obtain necessary groundwater samples in this area for site characterization purposes.
18. Four bedrock groundwater monitoring wells (wells MW-8, MW-10, MW-12, and MW-15) were installed to determine hydrogeologic conditions in Santa Ysabel and the vertical distribution of the dissolved gasoline plume in groundwater. This information has been obtained and incorporated into the preliminary site conceptual model for the site. The wells are no longer needed and may pose a risk to water quality as conduits for contamination to migrate to an uncontaminated portion of the aquifer.
19. Wells MW-8, MW-10, MW-12, and MW-15 should be properly destroyed to prevent the migration of contamination to uncontaminated portions of the aquifer.
20. Addendum No. 3 to CAO No.99-26 required the installation of five groundwater monitoring wells (proposed well locations D3, D4, D5, and D7) on the Farkash Property (Assessor Parcel Numbers 248-041-05, 03) located on the northwest corner of the intersection of Highways 78 and 79. Subsequent to the issuance of Addendum No. 3 Union 76 was discovered to have owned and operated a retail gasoline service station at that location. As such, Union 76 is responsible for investigating a suspected discharge of petroleum hydrocarbon wastes on the Farkash property. The proposed well locations for Mr. Moretti's site characterization may be changed due to the information obtained from the investigation of the former Union 76 gasoline station. Therefore, the proposed wells on the Farkash property should not be installed until after the Union 76 gasoline station investigation is completed.
21. This action is an Order to enforce the laws and regulations administered by the Regional Board. As such, this action is categorically exempt from the provisions of the California

Environmental Quality Act (CEQA) pursuant to section 15321 of the Resources Agency Guidelines.

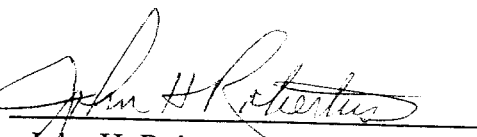
IT IS HEREBY ORDERED, that pursuant to sections 13267 and 13304 of the California Water Code, Mr. Earnest and Joyce Moretti (hereinafter the "*Discharger*") shall provide technical reports and cleanup and abate the effects of the unauthorized discharge of petroleum hydrocarbon wastes at the Former Santa Ysabel Chevron Station site by complying with the following:

41. Directives 35, 36, and 37 of CAO No. 99-26 (Addendum No. 3) are rescinded.
42. An adequate workplan to install a replacement well in the vicinity of well MW-9 shall be received by the Regional Board no later than **June 30, 2003**. The workplan must include the following items:
 - a) A scaled map showing the location of the proposed well; and
 - b) A description of the drilling method, soil sampling locations and methods, laboratory test methods for collected soil samples, and proposed well construction.
43. Complete the installation of the replacement well no later than **September 30, 2003**.
44. Install the proposed upgradient groundwater monitoring well, indicated as proposed location D2 in the October 2002 Workplan, no later than **September 30, 2003**.
45. Incorporate the replacement well and the upgradient well into the quarterly groundwater monitoring program pursuant to applicable sections of Cleanup and Abatement Order No. 99-26 and addenda 1, 2, 3, and 4 (collectively referred to as CAO No 99-26).
46. Destroy the bedrock groundwater monitoring wells (wells MW-8, MW-10, MW-12, and MW-15) in accordance with applicable State and local regulations and guidance no later than **September 30, 2003**.
47. The Third Quarter 2003 Groundwater Monitoring report, which is due to the Regional Board no later than **October 30, 2003**, must include the following additional information regarding the installation of the replacement well and the destruction of the bedrock groundwater monitoring wells:
 - a) A narrative describing the well installation and well destruction activities;
 - b) Copies of laboratory test reports and tables of laboratory test results of the soil samples collected during the drilling of the borehole for the replacement well;
 - c) Boring and well construction logs;
 - d) Updates to the Preliminary Site Conceptual Model, as appropriate;

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- e) Documentation that all investigative derive wastes were properly handled and disposed;
 - f) Copies of permits and other support documentation;
 - g) Conclusions regarding the distribution and source of dissolved petroleum hydrocarbons in groundwater, and the potential and/or existing risk to human health and the environment due to groundwater contamination; and
 - h) Recommendations for further investigative work.
48. All reports must meet all the requirements of CAO No. 99-26, and be signed and stamped by the registered professional in responsible charge of work; either a California registered geologist or civil engineer experienced in conducting similar investigations in the State of California. All work must be done under the direct supervision of the registered professional who signs the documents required in Directives 41 and 45. By signing and stamping these documents the registered professional takes full responsibility as the responsible professional in charge of work as specified in Business and Professions Code sections 6703 and 7805, and for the content of the documents.
49. A transmittal letter signed by the Discharger or his/her agent shall be submitted with all reports. The transmittal letter shall include a statement by the Discharger that, under perjury, to the best of the signer's knowledge the document is true, complete, and correct.
50. Pursuant to Water Code section 13267, the Regional Board may inspect the site to ascertain whether the purposes of this section are being met. The inspection shall be made with the consent of the owner or possessor of the facilities or, if the consent is withheld, with a warrant duly issued pursuant to the procedure set forth in Title 13 (commencing with section 1822.50) of Part 3 of the Code of Civil Procedure.
51. Prior to undertaking any investigative activity that could cause or contribute to the migration of waste from affected areas to unaffected areas, discharger or discharger's consultants shall determine investigative methods that will not cause or contribute to such migration, and shall develop and implement procedures to prevent such migration as a result of investigative activities.

Ordered by:


John H. Robertus
Executive Officer

Date Issued: April 10, 2003